Docket No.: H0498.70168US01 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Olivier J.A. Schueller et al.

Serial No :

10/824,331

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OPTICAL MODULATOR/DETECTOR BASED ON

Examiner:

RECONFIGURABLE DIFFRACTION GRATING C. A. Simone

Art Unit:

1794

Certificate of Electronic Filing Under 37.

I hereby certify that this paper (along with any paper referred to as being attached or enclose

RESPONSE

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated September 21, 2007, finally rejecting claims 52 and 54-56, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.